3. Disassembly & Reassembly

3-1 Overall Disassembly & Reassembly

⚠
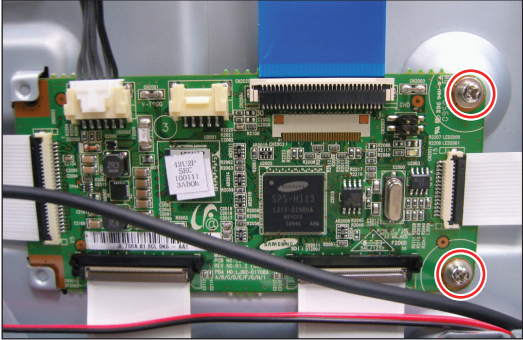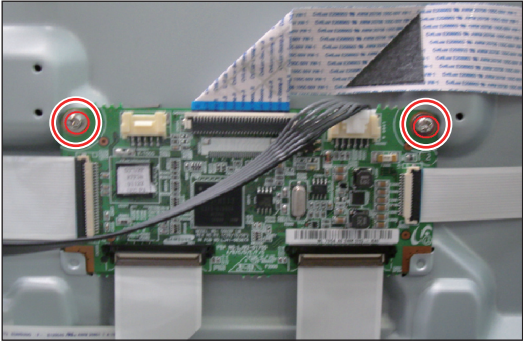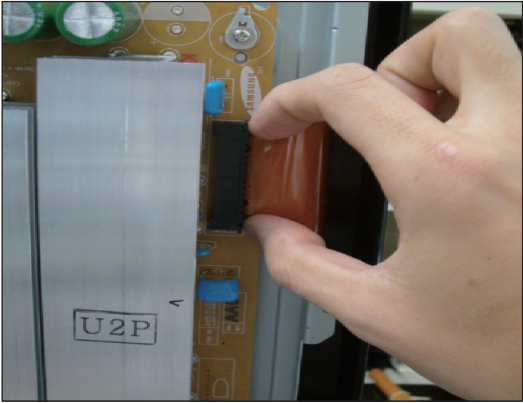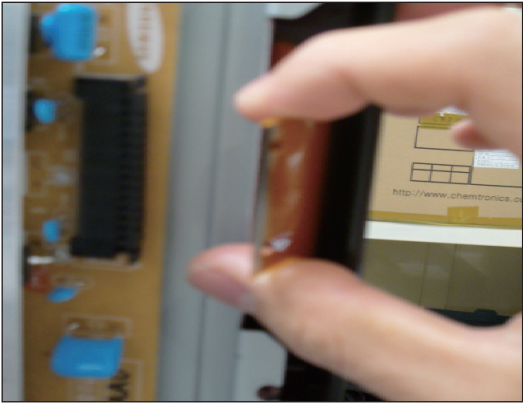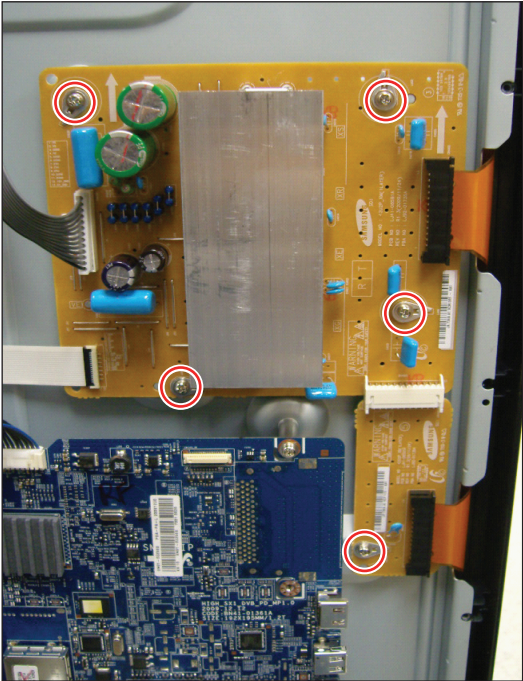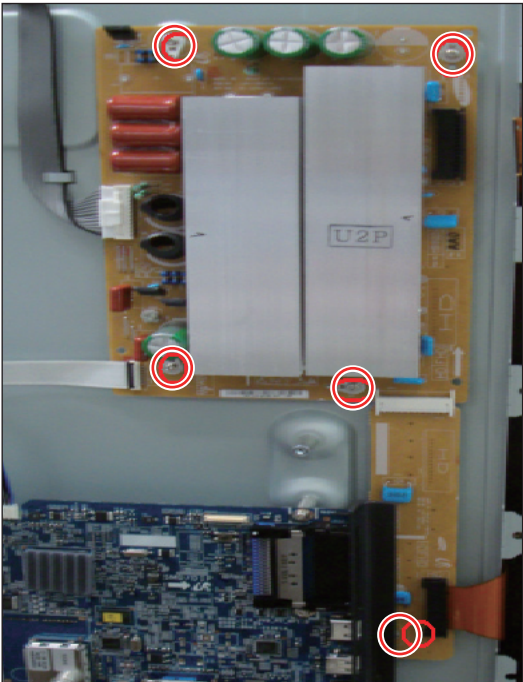
- Be sure to separate the power cord before disassembling the unit.
- Discharge the capacitors first when separating PCB's with high capacity capacitors such as SMPS, X Main Board, Y Main Board, etc. (A spark may be generated by the electric charge, and there is danger of electronic shock.)
- Check that the cables are properly connected referring to the circuit diagram when disassembling or assembling the unit taking care not to damage the cables.
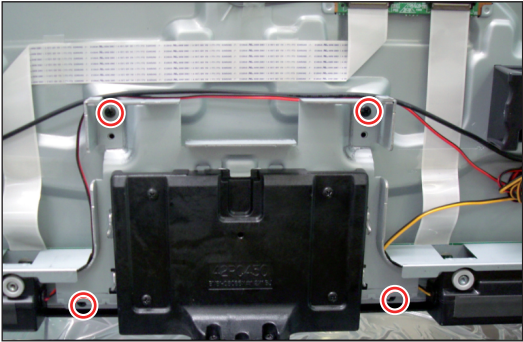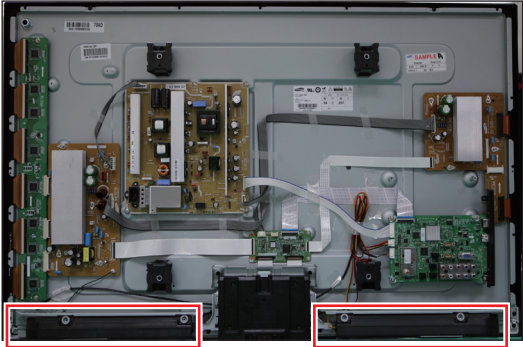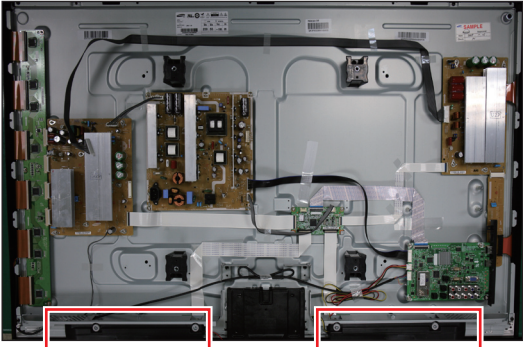- Take care not to scratch the Glass Filter in the front.
- Assemble the boards in the reverse order of the disassembly.
- The plasma must be layed down on a flat padded surface for disassembly and reassembly.

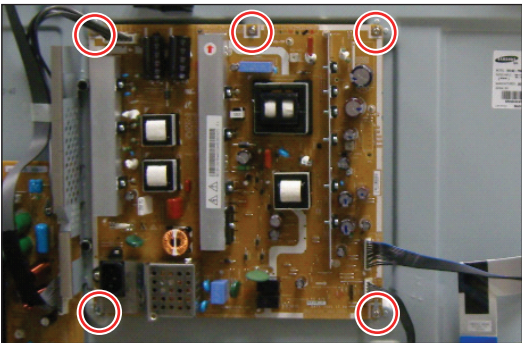| Description	Description Photo

1. Remove 19 screws. (◯)
    : BH,+,B,M4,L12,ZPC(BLK),SWRCH18
    * L : Screw Length(mm)
 	
2. Remove 4 screws. (◯)
    : BH,+,S,M4,L10,ZPC(BLK),SWRCH18
    * L : Screw Length(mm)
 	
3. Remove the Cover Rear.
	6003-001003
	
	6003-000337

4. Detach all connectors from the Main Board.
 	
5. Remove 4 screws.
    : PH,+,WSP,M3,L8,NI PLT,SWRCH18A
    * L : Screw Length(mm)
 	
6. Remove the Main Board.
	<42" PDP>
	6001-001921
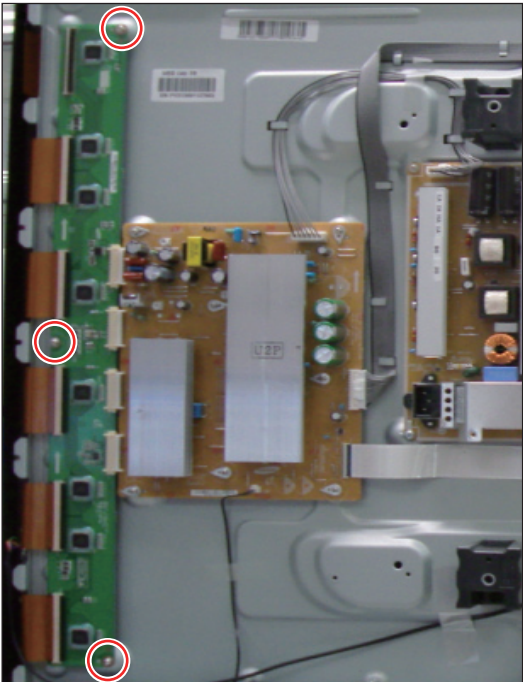	
	<50" PDP>
	6001-001921

Description	Description Photo

7. Remove 4 screws.
 	
    : BH,+,B,M4,L12,ZPC(BLK),SWRCH18
 	
    * L : Screw Length(mm)
 	
8. Remove the BRACKET-SUPPORT STAND.
	
	6003-001003

9. Remove P-SPEAKER. (No screw for holding)	 <42" PDP> <50" PDP>

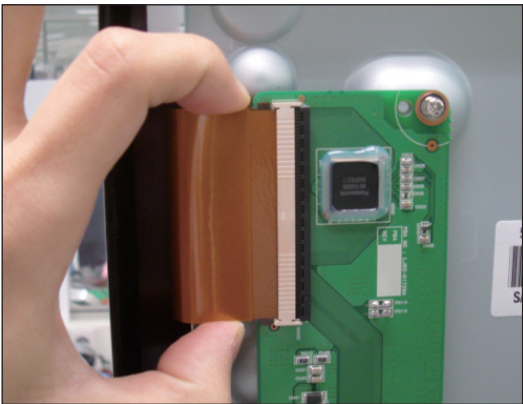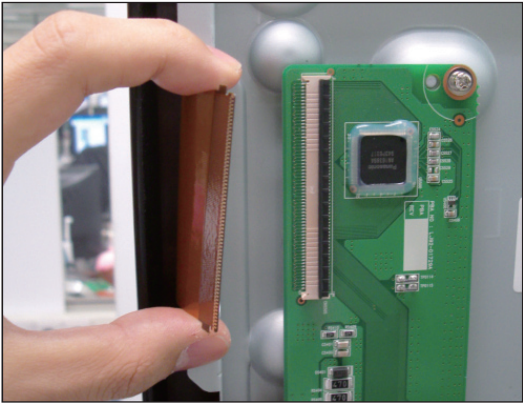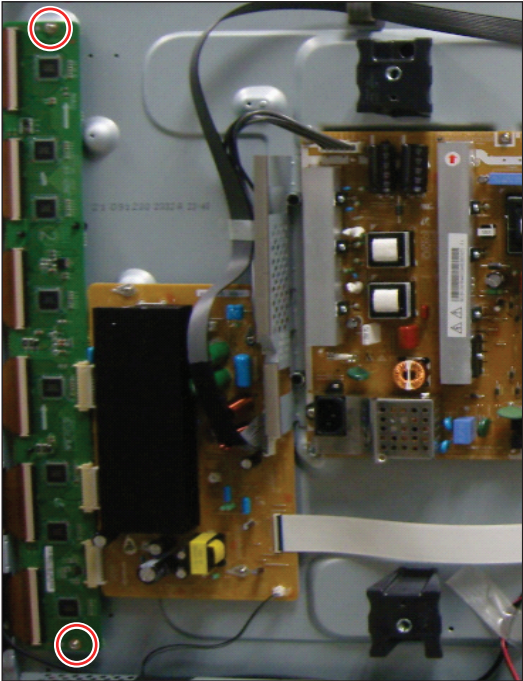| Description	Description Photo

10. Remove 4 screws.
    : BH,+,S,M4,L10,ZPC(BLK),SWRCH18
    * L : Screw Length(mm)
 	
11. Remove Holder Module.
 	
⚠ Please lay the PDP panel face down on a soft surface when separating front cover.
	
	<42" PDP>
	
	6003-000337
	
	<50" PDP>
	
	6003-000337

12. Detach all connectors from the SMPS.
 	
13. Remove 5 screws.
    : PH,+,WSP,M3,L8,NI PLT,SWRCH18A
    * L : Screw Length(mm)
 	
14. Remove the SMPS.
 	
⚠ Wear gloves when handling the power board as there may be some remaining electrical charge in the capacitor. Specifically, avoid touching any part of the capacitor.
	
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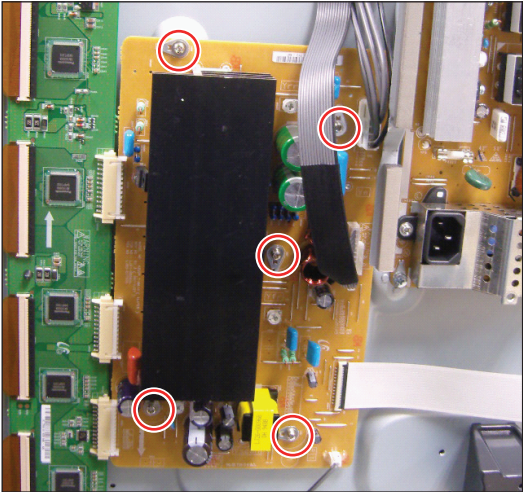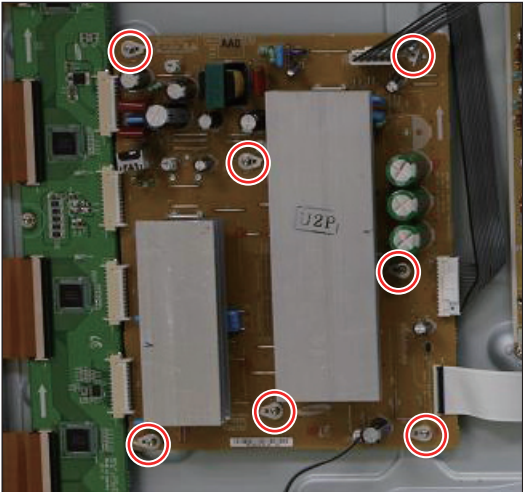| Description	Description Photo

15. Detach all connectors from the Logic Board.
 	
16. Remove 2 screws.
  : PH,+,WSP,M3,L8,NI PLT,SWRCH18A
  * L : Screw Length(mm)
 	
17. Remove the Logic Board.
	
	\<42" PDP>
	
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	\<50" PDP>
	
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18. Detach all Connectors from the X-Main Board. ※ To separate the Flat Cable of the X-Main Board, press the upper and the lower sides of the connector.	

Description	Description Photo

19. Remove 5 screws.
 	
    : PH,+,WSP,M3,L8,NI PLT,SWRCH18A
 	
    * L : Screw Length(mm)
 	
20. Remove the X-Main Board with X-Buffer Board.
	
	<42" PDP>
	
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	<50" PDP>
	
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Description	Description Photo
21. Detach the scan board connectors from the panel by pulling the holder from both the top and bottom ends.	

Description	Description Photo
22. Remove 2 screws. (42" PDP) Remove 3 screws. (50" PDP) : PH,+,WSP,M3,L8,NI PLT,SWRCH18A * L : Screw Length(mm) 23. Remove the Y-Buffer Board.	 <42" PDP> 6001-001921 <50" PDP> 6001-001921

Description	Description Photo
24. Detach all connectors from the Y-Main Board. 25. Remove 5 screws. (42" PDP) Remove 7 screws. (50" PDP) : PH,+,WSP,M3,L8,NI PLT,SWRCH18A * L : Screw Length(mm) 26. Remove the Y-Main Board.	 <42" PDP> 6001-001921 <50" PDP> 6001-001921